

## 2.1-2.1 One &amp; Two Step Equations

Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each equation.

1)  $\frac{x}{12} = 22$

2)  $-33 = x - 16$

3)  $-19 = n + (-8)$

4)  $17 = n - (-4)$

5)  $11 = \frac{p}{21}$

6)  $24 - r = -2$

7)  $-20k = 320$

8)  $-9 = -17 + m$

9)  $-5 + \frac{p}{9} = -6$

10)  $-5 + \frac{x}{10} = -3$

11)  $-129 = 10x + 1$

12)  $2 = \frac{1 + b}{2}$

13)  $-5(-5 + m) = -35$

14)  $-4(5 + n) = 52$

15)  $-3 = \frac{-8 + n}{3}$

16)  $1 = \frac{-1 + r}{6}$

# "What do you call a horse that can't lose a race?"

Simplify the following expressions. Cross out the letter that matches your answer.  
The remaining letters will allow you to figure out the joke.

1.  $2(5x - 1) + 3x$
2.  $6x + 3(2x + 7)$
3.  $7 - (3x - 4)$
4.  $10 - 4(6 - x) + 5x$
5.  $6(x - 4) + 10(2x + 3)$
6.  $-3(6x - 5) + 2x - (-11x + 8)$
7.  $2(8x - 13) - 8(2x - 4) + 6$
8.  $5(-2x + 7) - (3x + 22)$
9.  $4(9x - 1) + 5(3x + 7) - 6(x - 8)$

A $12x + 21$	S $10x - 7$	T $-13x + 13$	H $4x - 7$
E $9x - 20$	C $26x + 6$	U $13x - 2$	R $11x + 1$
L $12$	B $24x - 8$	E $4x - 8$	M $9x - 14$
O $-3x + 11$	T $37x - 2$	N $45x + 79$	W $-5x + 7$